



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2020				Day : Saturday				Date : 28.03.20				
Probable Maximum Demand : 9900 MW				Probable Maximum Generation : 14750 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 83.88 ft				Today = 83.56 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Dated/ Present Capacity (MW)	27.03.20 (Yesterday)		28.03.20 (Today)		27.03.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	24	24	24	24	61	Unit-1 Under maint.	30/3/2020
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Under maint.	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	180	180	160	170			
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Under maint.	30/04/2020
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	354	327	365	365			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108	Gas Shortage	
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78	Gas Shortage	
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage	
6	Haripur GTPP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40	Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	344	348	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	420	450	450			
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling	
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	370	340	412	412			
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	92	75	70	70	135	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Gas Shortage	
13	Siddhirganj 100 PP(Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	70	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	145	135	150	150			
15	Meghnaghat 100 MW(IE)	HFO (QRPP)	12x8.9	100	100	0	50	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	30	95	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	0	0	102	102			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	16	16	22	22			
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	28	28	58	58			
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	18	22	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	23	21	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	95	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	16	119	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300			
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
33	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
34	Nababganj 55 MW PP (Southern pc	HFO (IPP)	3x19.3	55	55	0	0	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	35	35			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
Dhaka Zone Total				6047	5811	2060	2488	3538	4148	801	536	
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	76	75	80	80	155	Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	95	100	100	85	Gas Shortage	
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.	
39	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	4.9	0	5	0			
40	Racozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25			
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18.7	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	15	50	50			
43	Sikalbaha 105 MW PP (Baraka Siku	HFO (IPP)	6x18.415	105	105	0	0	105	105			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	124	114	145	145			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	221	204	225	225			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	16	68	230	300			
47	Julda 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
48	Julda 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	0	0	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	80	100			
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
51	Barabkunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	22	22	22	22			
*	Melancho, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			26	42	25	30			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	100	100			
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54			
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
	Julda unit-2	HFO (IPP)				88	100	100	100			
Chattogram Zone Total				2226	2166	691.6	828	1616	1746	240	180	
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	130	100	100	100			
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134	Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	43	46	46	46			
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	204	190	225	225			
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	305	270	360	360			
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	350	320	360	360			
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5			
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	45	45			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	145	100	150			
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0	163	Under CI	
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	30	0	200			
67	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	22	22	22			
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11			
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	50			
71	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	21	21	22	22			
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	25	0	114			
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	113	113	113			
**	Impoort (Tripura)	India		160	160	102	134	116	136			
Cumilla Zone Total				3040	2980	1277	1524	1609	2293	269	163	
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	140	202	200	200			
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	22	22	22	22			
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	95	95	95			
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	45	115	115			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	152	151	120	200			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0			
Mymensingh Zone Total				645	637	316	515	553.6	632	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.03.20 (Yesterday)		28.03.20 (Today)		27.03.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		
81	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	40	42	41	41			
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	43	43			
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	50	53	51	51			
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	51	50	44	44			
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163			
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11			
87	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	56	60	66	66			
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	260	252	250	250	78	Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	78	81	80	86			
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	100	110	150	150			
91	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	19	18	20	20			
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	10	10	10			
94	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	24	24	24	24			
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	285	341	341			
96	Bibiyaana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			
Sylhet Zone Total					1944	1899	1211	1189	1294	1300	78	0
97	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40			
98	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	335	330	410	410			
99	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35			
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70			
101	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225			
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115			
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	50	0	100			
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40			
105	Rupsha 105 MW PP (Orton rupsha)	HFO (IPP)	6x18.445	105	105	0	0	90	105			
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105			
**	Bheramara (HVDC)	India		1000	1000	303	499	362	707			
Khulna Zone Total					2328	2314	638	1034	1097	1952	0	0
107	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30			
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	70	110			
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	17	25	20	23			
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	178	179	185	185			
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	3	75	89	95			
Barisal Zone Total					472	462	495	696	364	443	0	0
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	65	60	60	6	Gas Shortage	
113	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Gas Shortage	
114	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50			
115	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200			
116	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45			
117	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0			
118	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	82	100	80	100			
119	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40			
120	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40	40			
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36			
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	140	150	210	210	60	Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220	Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	185	176	210	210	44	Gas Shortage	
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	392	413	410	410			
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	13	17	18	18			
127	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	12	11	11			
128	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11			
129	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	90	109	113	113			
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	34	113	113			
Rajshahi Zone Total					2193	2183	925	1087	1568	1719	430	0
132	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	90	92	90	90			
133	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Shutdown for Low Demand	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	160	270	280	280			
135	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17			
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	37	111	113	113			
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17			
138	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	6.8	8	8	0			
Rangpur Zone Total					685	605	294	473	491	517	0	85
Sub-total: Plants in operation					19580	19057	7907.4	9834	12131	14750	1818	964
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss							7451	9266	11430	13898		
(B) Contract expired power plants												
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0		Contract expired	
Sub-Total: Plants under long term maintenance					50	50	0	0	0	0		
Gross Total					19630	19107	7907.4	9834	12131	14750	1818	964
(C) Actual data of 27.03.20 (Yesterday) Friday :												
01.	Max. Demand (Generation end)	:	9834.00 MW, at = 20:00 hrs P									
02.	Max. Demand (Sub-station end)	:	9266.00 MW, at = 20:00 hrs P									
03.	Highest Generation (Generation end)	:	9834.00 MW, at = 20:00 hrs									
04.	Minimum Generation (Generation end)	:	6418.00 MW, at = 6:00 hrs									
05.	Day-peak Generation (Generation end)	:	7907.40 MW, at = 12:00 hrs									
06.	Evening-peak Generation (Generation end)	:	9834.00 MW, at = 20:00 hrs P									
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 20:00 hrs P									
08.	Actual Minimum Generation up to 8:00 hrs.	:	6882.30 MW, at = 5:00 hrs am									
09.	Generation shortfall at evening peak due to :	:										
a)	Gas limitation	:	1663 MW									
d)	Coal supply Limitation	:	0 MW									
b)	Low water level in Kaptai lake	:	155 MW									
c)	Plants under shut down/ maintenance	:	964 MW									
10.	Total Energy (Generation + India Import)	:	185.89 MKWh									
	By Gas = 140.649 MKWh		By Oil = 17.212 MKWh									
	By Coal = 15.545 MKWh		By Hydro = 1.776 MKWh									
	By Solar= 0.214 MKWh											
11.	Total Gas Supplied	:	1143.75 MMCFD									
12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :											
	Zone		Demand MW	Supply MW	Load Shed MW	Zone		Demand MW	Supply MW	Load Shed MW		
	Dhaka		2693	2693	0	Mymensingh		892	892	0		
	Chattogram		1039	1039	0	Sylhet		391	391	0		
	Khulna		1235	1235	0	Barisal		259	259	0		
	Rajshahi		1115	1115	0	Rangpur		681	681	0		
	Cumilla		961	961	0							
						Total		9266	9266	0		
13.	Fuel cost :		(a) Gas = 129225671 Taka	(c) Coal = 35906709 Taka								
			(b) Oil = 112502977 Taka	Total = 165132380 Taka								
14.	Maximum Temperature in Dhaka was :		36.6° C									
15.	Export through East-West interconnections :											
	At evening peak-hour	:	-184 MW, at 20:00 hrs PM									
	Maximum	:	-359 MW, at 19:00 hrs									
	Energy	:	2.499 MKWh									
(D) Forecast of 28.03.20 (Today) Saturday :												
01.	Maximum Demand	:	9900 MW (Generation end)									
02.	Maximum Generation	:	14750 MW (Generation end)									
03.	Maximum Shortage	:	-4850 MW (Generation end)									
04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)									
05.	Total Generation	:	187.14 MKWh									
06.	Probable Max. Temperature in Dhaka :		39° C									

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Faouzi Islam Shaker)
Deputy Secretary, Generation